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HU-TUNG SHIPYARD
SHANGHAI, CHINA



NAVY



CIA

PIC/JR-22/59
NOVEMBER 1959

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HU-TUNG SHIPYARD
SHANGHAI, CHINA

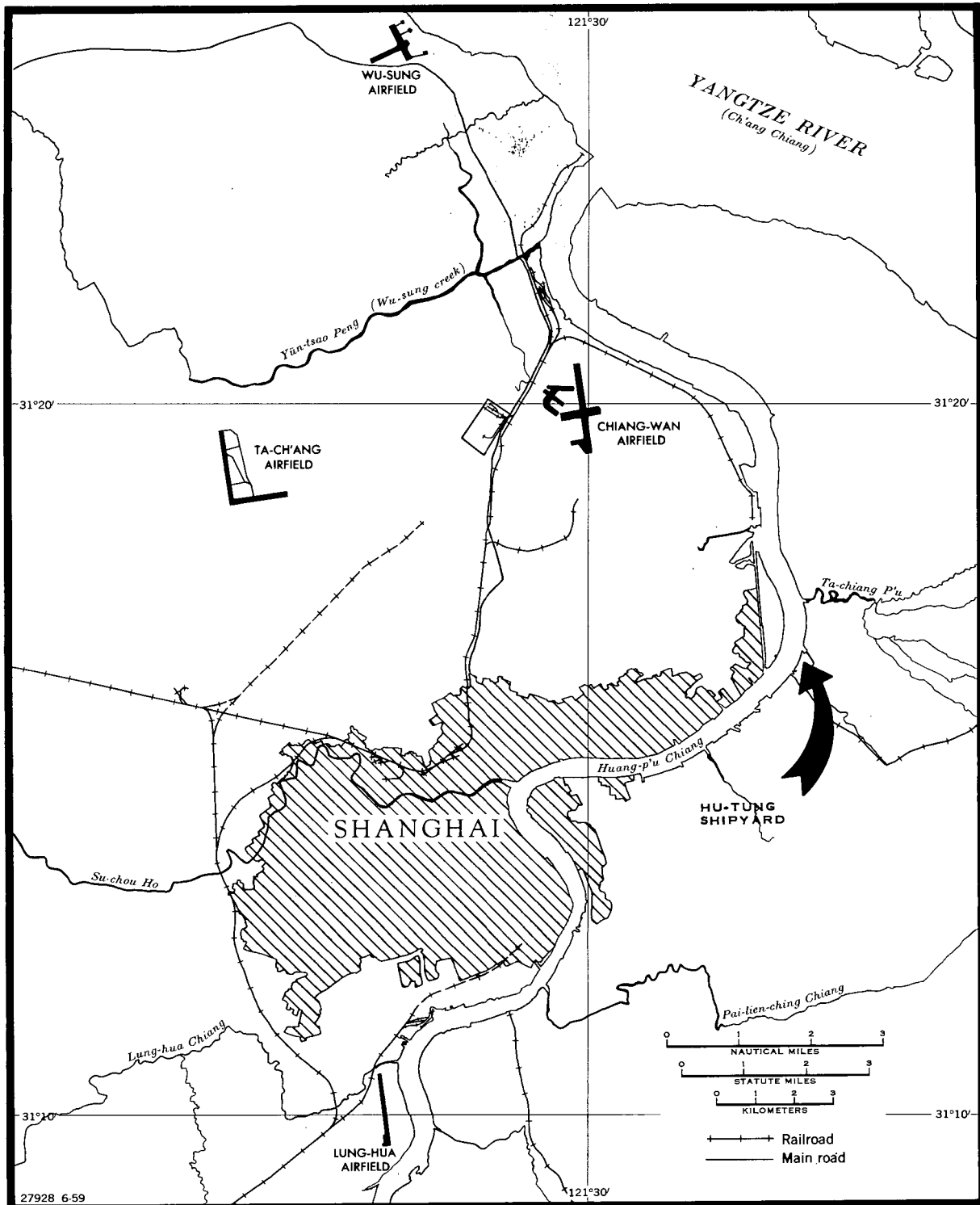
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HU-TUNG SHIPYARD
SHANGHAI, CHINA

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Hu-Tung Shipyard, formerly known as Moller's Engineering Works, is located in northeast Shanghai on the east bank of the Huang-Pu River. A study of [] photography shows that the shipbuilding capability of this shipyard has expanded greatly since the previous photo cover in

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[]

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New construction since [] includes three shipbuilding ways, each 900 feet long; two 900-foot long craneways, each having two portal jib cranes; a transverse launching way (350 by 300 feet); and a launching basin, 550 by 490 feet. Many new workshops and storage buildings have been constructed. The total roof cover of the shipyard is 922,000 square feet, of which 670,000 square feet are new since [] The new construction (shown in red) and the major components of the shipyard are shown, identified and described on the accompanying photograph, line drawing and key to annotations.

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The course of Hsi-Kou Creek has been diverted so that it now enters Huang-Pu River south of the plant area. The former course of the creek north of the plant has been filled in and utilized for an expansion of plant facilities.

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There were 29 surface vessels in the vicinity of this shipyard on [] 25X1 [] Naval vessels included: 3 Soviet-built Riga-class destroyer escorts, each approximately [] feet; 3 submarine chasers (probably ex-U.S. 110-foot-class), each [] 2 possible motor launches, one 80 feet long and the other 70 feet long; and one probable LST, 160 feet long. Merchantmen included four dry cargo ships, each 315 by 45 feet, on building ways. Three of these were nearly finished and one was in an early stage of construction. Also present were 2 river craft, one 100 feet long, and another 160 feet long under construction on a building way; one passenger ferry, 125 by 35 feet; 3 tugs, one 135 feet long, one 115 feet long, and one 75 feet long on a marine railway; 2 self-propelled barges, one 115 feet long and another 110 feet long; and 7 small river craft. There was also one floating jib crane.

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KEY TO ANNOTATIONS

A. STORAGE AREA

1. Offshore wharf, 110' x 30'.
2. Storage building, 90' x 30'.
3. Storage building, 85' x 30'.
4. Storage building, 45' x 30'.
5. Storage building, 35' x 30'.
6. Storage building, 50' x 30'.
7. Storage building, 45' x 35'.
8. Storage building, 60' x 35'.
9. Storage building, 60' x 25'.
10. Storage building, 300' x 40'.
11. Storage building, 300' x 40'.
12. Storage building, 45' x 35'.
13. Storage building, 55' x 30'.
14. Storage building, 110' x 25'.
15. Storage building, 180' x 70'.
16. Storage building, 60' x 60'.
17. Storage building, 180' x 50'.
18. Storage building, 165' x 50'.
19. Storage building, 140' x 50'.
20. Storage building, 80' x 60'.
21. Storage building, 120' x 70'.
22. Storage building, 60' x 50'.
23. Water tower, approximately 25' in diameter.
24. Storage building, 135' x 45' with 45' x 45' wing.
25. Storage building, irregular shape, 20,250 sq. ft. over-all.
26. Storage building, 70' x 45'.
27. Storage building, 105' x 50'.
28. Storage building, irregular shape, 7,600 sq. ft. over-all.
29. Storage building, 110' x 45'.

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30. Storage building, 50' x 25'.
31. Storage building, 70' x 30', and adjoining section, 60' x 20'.
32. Storage building, 70' x 40', and adjoining section, 65' x 40'.
33. Storage building, 75' x 45'.
34. Probable transformer building, 85' x 35', and adjoining fenced yard, 160' x 105'.
35. Storage building, 60' x 35'.
36. Storage building, 165' x 50'.
37. Storage building, 165' x 50'.
38. Storage building, 85' x 60', and 45' x 25' wing.
39. Storage building, 115' x 40'.
40. Boat unloading and open storage area.
41. Storage building, 165' x 25'.
42. Storage building, 115' x 60'.
43. Storage building, 85' x 70', and adjoining section, 85' x 50'.
44. Storage building, 50' x 45'.
45. Storage building, 165' x 85'.
46. Storage building, 90' x 30'.
47. Storage building, 40' x 25'.
48. Storage building, 115' x 50'.
49. Storage building, 50' x 30'.
50. Storage building, irregular shape, 14,625 sq. ft. over-all.
51. Storage building, irregular shape, 22,800 sq. ft. over-all.
52. Storage building, 50' x 45'.

B. SHIPBUILDING AREA

53. Launching basin, 550' x 490'.
54. Transverse launching way, 350' x 300'.
55. Winch house, 380' x 35'.
56. Storage building, 150' x 75'.
57. Workshop, 95' x 60'.
58. Shipbuilding way, 900' x 45'.

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59. Craneway (two-portal jib cranes), 900' long.
60. Shipbuilding way, 900' x 45'.
61. Shipbuilding way, 900' x 45'.
62. Craneway (two-portal jib cranes), 900' long.
63. Storage shed, 60' x 25'.
64. Storage shed, 70' x 45'.
65. Storage shed, 60' x 45'.
66. Storage shed, 60' x 25'.
67. Hull fabrication building, 700' x 265'.
68. Workshop, 270' x 130'.
69. Workshop, 260' x 155'.
70. Workshop, 230' x 155'.
71. Workshop, irregular shape, 10,950 sq. ft. over-all.
72. Mold loft, 125' x 60'.
73. Rigger shop, 45' x 35'.
74. Forge, 160' x 80', and 110' x 35' wing.
75. Plate shop, 270' x 150'.
76. Offshore wharf (one-portal jib crane), 470' x 40'.
77. Offshore wharf, 735' x 40', of which 125' is new.
78. Machine shop, 280' x 150', and 60' x 30' wing.
79. Foundry and pattern shop, irregular shape, 57,200 sq. ft. over-all.
80. Storage building, 90' x 35', and 35' x 30' wing.
81. Boilerhouse, with detached stack, 45' x 45'.
82. Workshop, 240' x 140'.
83. Workshop, 105' x 45'.
84. Workshop, 135' x 65', and adjoining section, 135' x 30'.
85. Storage building, 85' x 25'.
86. Marine railway, 250' x 15'.
87. Launching basin, 200' x 90'.
88. Workshop, 115' x 35'.
89. Marine railway, 150' x 15'.

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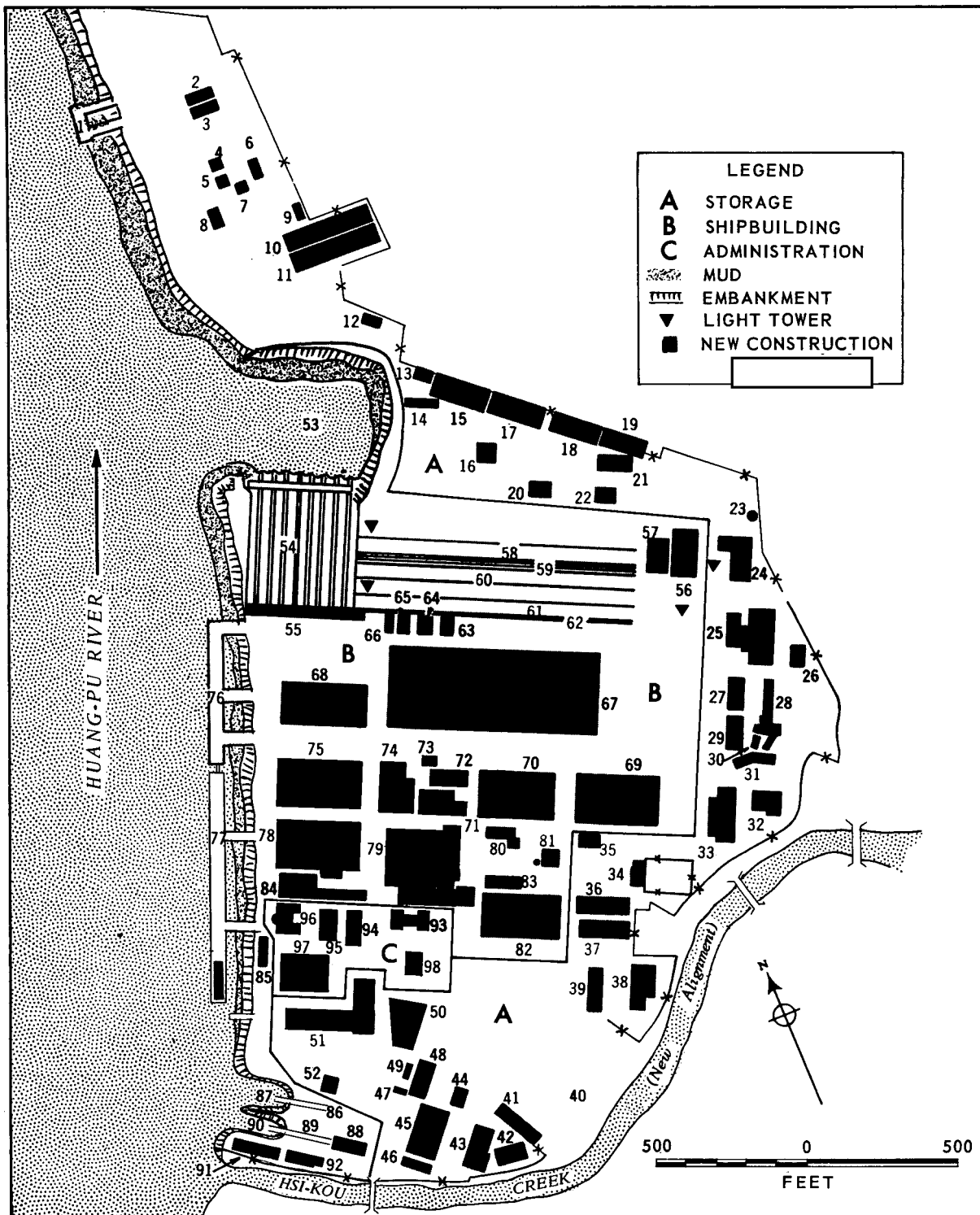


FIGURE 1. LINE DRAWING. HU-TUNG SHIPYARD.

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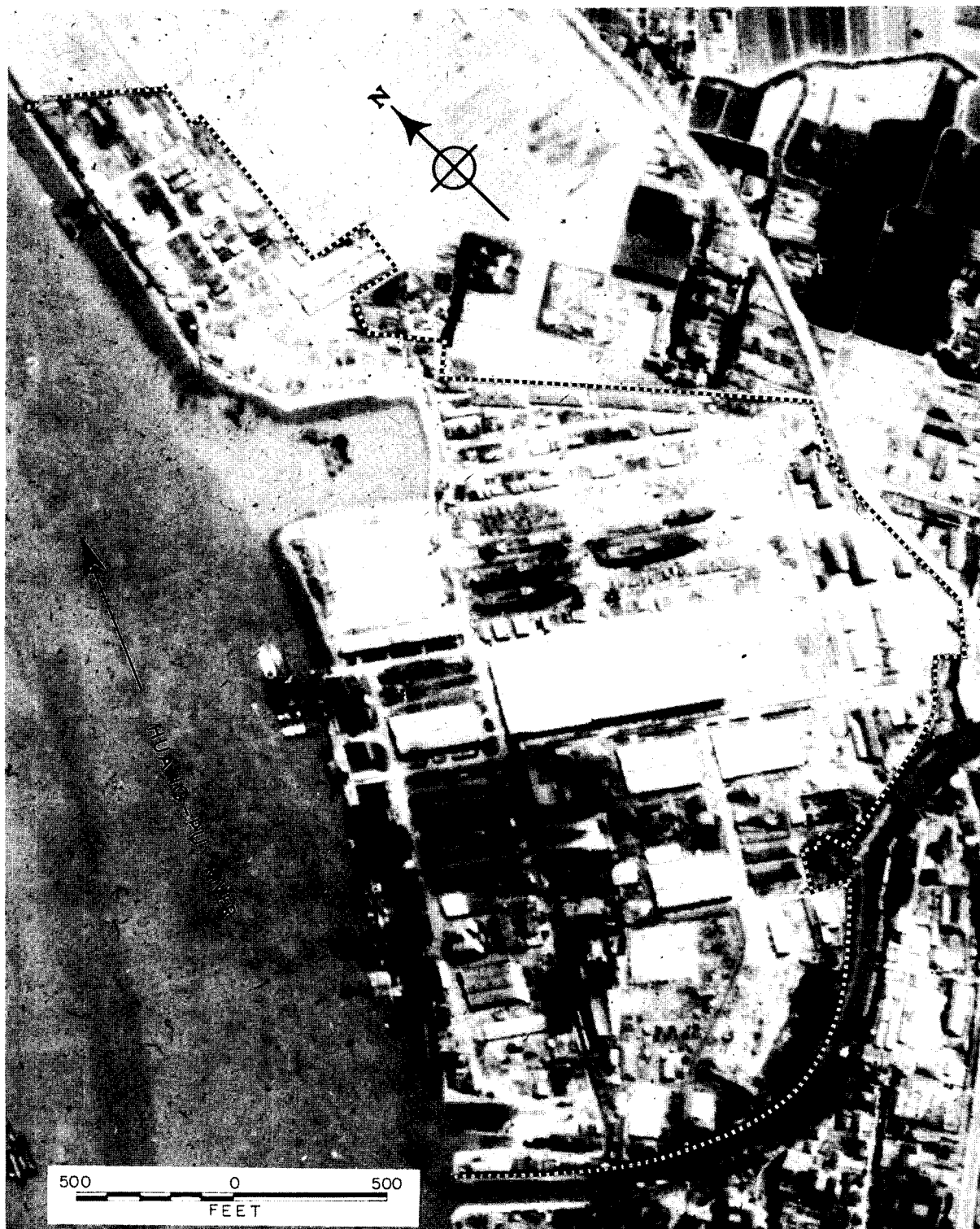


FIGURE 2. PHOTO HU-TUNG SHIPYARD.

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- 90. Launching basin, 180' x 60'.
- 91. Workshop, 145' x 35'.
- 92. Workshop, 90' x 45', and 40' x 35' wing.

C. ADMINISTRATION AREA

- 93. Administration building, 60' x 35', with two wings, each 65' x 35'.
- 94. Diesel power plant, 80' x 45'.
- 95. Electrical shop, 105' x 55'.
- 96. Administration building, 70' x 40', and two wings, each 70' x 35'.
- 97. Storage building, 160' x 120'.
- 98. Administration building, 65' x 50'.


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REQUIREMENT: Prepared in answer to Navy Requirement 71-58 and
CIA Requirement RR/E/R120/58 requesting a detailed description
of the shipping and facilities at Hu-Tung Shipyard, Shanghai, China.

PHOTO DATA:

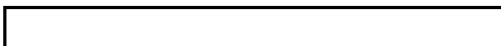


MAP DATA:

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100A, 2nd Ed., Oct 56. (S)

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COORDINATES: 31°16'N/121°34'E



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